

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (currently amended) A non-stretched resin film which consists essentially of a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm ~~in weight fraction in entire resin~~, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid.

Claim 2. (currently amended) The resin film according to claim 1, wherein the modified polyolefin resin is contained in an amount of 3 to 25 percent by volume ~~[[of]] modified polyolefin resin~~ in a volume fraction in the entire resin ~~is contained~~.

Claim 3. (currently modified) The resin film according to claim 1, wherein said thermoplastic polyester resin is a polyester containing polyethylene terephthalate and/or

isophthalic acid copolymerized polyethylene terephthalate as a ~~main~~ basic skeleton.

Claim 4. (currently amended) The resin film according to claim 1, wherein the thermoplastic resin contains ~~[[the]] ratio~~ ~~[[of]]~~ terephthalic acid ~~[[to]]~~ and isophthalic acid, which are dicarboxylic acid components constituting the thermoplastic polyester resin, ~~is in a molar ratio of~~ 97/3 to 85/15 ~~in molar ratio~~.

Claim 5. (currently amended) The resin film according to claim 1, wherein ~~in~~ a monomer component mainly ~~constituting~~ constitutes the thermoplastic polyester resin, the monomer component contains a dicarboxylic acid which is terephthalic acid, and diol components which are ethylene glycol and 1,4-butanediol~~[[,]]~~ ~~[[the]]~~ in a molar ratio ~~thereof being of~~ 1/4 to 4 ~~in molar ratio~~.

Claim 6. (currently amended) The resin film according to claim 1, wherein ~~[[the]]~~ the thermoplastic polyester resin has a weight ratio X/Y of ~~[[the]]~~ an amount X of a polyester

polymerization catalyst to ~~[[the]]~~ an amount Y of an oxidation inhibitor ~~in the resin is of~~ 0.2 or higher ~~in weight ratio~~.

Claim 7. (currently amended) The resin film according to claim ~~[[1]]~~ 6, wherein the content of the oxidation inhibitor in the thermoplastic polyester resin is 500 ppm or lower.

Claim 8. (currently amended) The resin film according to claim 1, ~~wherein~~ which further comprises 5 to 40 percent by weight of a pigment ~~is contained~~.

Claim 9. (currently amended) The resin film according to claim 1, wherein the ~~thickness~~ ~~[[of]]~~ film ~~is~~ has a thickness of 10 to 50 μm .

Claim 10. (currently amended) A resin film ~~[[of]]~~ having a two-layer construction ~~[[in]]~~ which comprising a resin layer R1 ~~consisting~~ ~~[[of]]~~ comprising the resin film as ~~described~~ set forth in claim 1 and a polyester resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a ~~main~~ basic skeleton ~~[[are]]~~ which is laminated to resin layer R1.

Claim 11. (currently amended) The resin film according to claim 10, wherein ~~[[the]] thickness of~~ the resin layer R1 ~~is~~ has a thickness of 10 to 50 μ m, ~~[[the]] thickness~~ ~~[[of]]~~ the resin layer R0 ~~is~~ has a thickness of 1 to 10 μ m, and ~~[[the]] a~~ thickness ratio of the resin layer R1 to the resin layer R0 is 2 to 10.

Claim 12. (currently amended) The resin film according to claim 10, ~~wherein~~ which further comprises 5 to 40 percent by weight of a pigment ~~is contained~~.

Claim 13. (currently amended) A resin film ~~[[of]]~~ having a two-layer construction ~~[[in]]~~ ~~which~~ comprising a resin layer R1 ~~consisting~~ ~~[[of]]~~ comprising the resin film ~~as described~~ set forth in claim 1 and a resin layer R2 ~~consisting mainly~~ ~~[[of]]~~ comprising a modified polyolefin resin having a functional group derived from carboxylic acid ~~[[are]]~~ which is laminated to resin layer R1.

Claim 14. (currently amended) The resin film according to claim 13, wherein ~~[[the]] thickness~~ ~~[[of]]~~ the resin layer R1 ~~is~~ has a thickness of 10 to 50 μ m, ~~[[the]] thickness~~ ~~[[of]]~~ the

resin layer R2 ~~is~~ has a thickness of 1 to 10 μm , and ~~[[the]]~~ a thickness ratio of the resin layer R1 to the resin layer R2 is 1 to 20.

Claim 15. (original) The resin film according to claim 13, wherein the modified polyolefin of the resin layer R2 contains 2 to 20 percent by weight of the functional group derived from carboxylic acid in terms of carboxylic acid.

Claim 16. (currently amended) The resin film according to claim 13, ~~wherein~~ which further comprises 5 to 40 percent by weight of a pigment ~~is contained~~.

Claim 17. (currently amended) A resin film ~~[[of]]~~ having a three-layer construction ~~[[in]]~~ which comprising a polyester resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a ~~main~~ basic skeleton is laminated on one surface of a resin layer R1 consisting of the resin film as ~~described~~ set forth in claim 1, and a resin layer R2 ~~consisting mainly~~ ~~[[of]]~~ comprising modified polyolefin resin having a functional group derived from

carboxylic acid is laminated on ~~[[the]] other~~ another surface of the resin layer R1.

Claim 18. (currently amended) The resin film according to claim 17, wherein ~~[[the]] thickness [[of]] the resin layer R1 is~~ has a thickness of 10 to 50 μ m, [[the]] thickness [[of]] the resin layer R0 is has a thickness of 1 to 10 μ m, [[the]] thickness [[of]] the resin layer R2 is has a thickness of 1 to 10 μ m, [[the]] a thickness ratio of the resin layer R1 to the resin layer R0 is 1 to 20, and a thickness ratio of the resin layer R1 to the resin layer R2 is 1 to 20.

Claim 19. (original) The resin film according to claim 17, wherein the modified polyolefin resin of the resin layer R2 contains 2 to 20 percent by weight of the functional group derived from carboxylic acid in terms of carboxylic acid.

Claim 20. (currently amended) The resin film according to claim 17, ~~wherein~~ which further comprises 5 to 40 percent by weight of pigment is contained.

Claim 21. (currently amended) A ~~manufacturing~~ method for manufacturing a resin film, comprising ~~a step~~ ~~[[of]]~~ inserting the thermoplastic polyester resin containing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μ m as ~~described~~ set forth in claim 1 in an extruding machine as a raw material resin to melt ~~[[it]]~~ the thermoplastic polyester resin and form a molten resin, and ~~a step~~ ~~[[of]]~~ forming a film by extruding the molten resin from a T die.

Claim 22. (currently amended) A ~~manufacturing~~ method for manufacturing a resin film~~[[,]]~~ comprising ~~a step~~ ~~[[of]]~~ inserting ~~[[the]]~~ a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim~~ ~~±~~ in an extruding machine as a raw material resin to melt ~~[[it]]~~ the resin and form a molten resin, ~~a step~~ ~~[[of]]~~ inserting a ~~resin constituting~~ ~~[[the]]~~ polyester resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton ~~as described in~~

~~claim 10~~ in an extruding machine to melt ~~[[it]]~~ the polyester resin and from a molten polyester resin, and ~~a step~~ ~~[[of]]~~ forming a film ~~[[of]]~~ comprising a two-layer construction by extruding the molten ~~resins~~ ~~[[of]]~~ two types resin and the molten polyester resin from one T die.

Claim 23. (currently amended) A ~~manufacturing~~ method for manufacturing resin film~~[[,]]~~ comprising ~~a step~~ ~~[[of]]~~ inserting ~~[[the]]~~ a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim~~ ~~1~~ in an extruding machine as a raw material resin to melt ~~[[it]]~~ the resin and form a molten resin, ~~a step~~ ~~[[of]]~~ inserting a ~~resin constituting the resin layer R2~~ comprising a modified polyolefin resin having a functional group derived from carboxylic acid ~~as described in claim 13~~ in an extruding machine to melt ~~[[it]]~~ the modified polyolefin resin to form a molten modified polyolefin resin, and ~~a step~~ ~~[[of]]~~ forming a film ~~[[of]]~~ comprising a two-layer construction by extruding the

molten ~~resins of two types~~ resin and the molten modified polyolefin resin from one T die.

Claim 24. (currently amended) A ~~manufacturing~~ method for manufacturing a resin film[[,]] comprising ~~a step~~ [[of]] inserting ~~the~~ a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim~~ [[1]] in an extruding machine as a raw material resin to melt [[it]] the resin and form a molten resin, ~~a step~~ [[of]] inserting a polyester resin constituting [[the]] a resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton ~~as described in claim 17~~ in an extruding machine to melt [[it]] the polyester resin and from a molten polyester resin, ~~a step~~ [[of]] inserting a ~~resin constituting the~~ resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid ~~as described in claim 17~~ in an extruding machine to melt [[it]] the modified polyolefin resin to form a molten

polyolefin resin, and ~~a step~~ ~~[[of]]~~ forming a film ~~[[of]]~~
comprising a three-layer construction by extruding the molten
resins ~~[[of]]~~ ~~three types~~ resin, the molten polyester resin and
the molten modified polyolefin resin from one T die.

Claim 25. (currently amended) A resin laminated metal sheet
~~[[in]]~~ ~~which~~ comprising a metal sheet and a resin film, wherein
at least one surface of ~~[[a]]~~ the metal sheet is coated with the
resin film as ~~described~~ set forth in claim 1.

Claim 26. (original) The resin laminated metal sheet
according to claim 25, wherein the metal sheet is a steel sheet
subjected to electrolytic chromate treatment, having a metallic
chromium layer of 50 to 200 mg/m² and a chromium oxide layer of 3
to 30 mg/m² in terms of metallic chromium on the surface thereof.

Claim 27. (currently amended) The resin laminated metal
sheet according to claim 25, wherein a plane orientation
coefficient in ~~[[the]]~~ a direction parallel to ~~[[the]]~~ a film
surface of the resin film is lower than 0.010.

Claim 28. (currently amended) The resin laminated metal sheet according to claim 25, wherein the resin film is formed by extruding the thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction of the entire resin of a granular resin with a grain diameter of 0.1 to 5 μm , said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim~~ [[1]] from a T die directly on ~~[[the]]~~ a surface of the metal sheet.

Claim 29. (currently amended) A resin laminated metal sheet [[in]] ~~which comprising a metal sheet and a resin,~~ wherein at least one surface of [[a]] the metal sheet is coated with the resin film as ~~described~~ set forth in claim 10 so that the resin layer R1 is in contact with the metal sheet.

Claim 30. (currently amended) The resin laminated metal sheet according to claim 29, wherein a plane orientation coefficient in ~~[[the]]~~ a direction parallel to ~~[[the]]~~ a film surface of the resin film is lower than 0.010.

Claim 31. (currently amended) The resin laminated metal sheet according to claim 29, wherein the resin film is formed by extruding two types of resins, ~~one of said resins of a resin~~ constituting ~~[[the]]~~ a resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid as described in claim 10 and a resin constituting ~~[[the]]~~ a resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton as described in claim 10, simultaneously from one T die directly on ~~[[the]]~~ a surface of the metal sheet.

Claim 32. (currently amended) A resin laminated metal sheet ~~[[in]]~~ which comprising a metal sheet and a resin film, wherein at least one surface of ~~[[a]]~~ the metal sheet is coated with the resin film as ~~described~~ set forth in claim 13 so that the resin layer R2 is in contact with the metal sheet.

Claim 33. (currently amended) The resin laminated metal sheet according to claim 32, wherein a plane orientation coefficient in ~~[[the]]~~ a direction parallel to ~~[[the]]~~ a film surface of the resin film is lower than 0.010.

Claim 34. (currently amended) The resin laminated metal sheet according to claim 32, wherein the resin film is formed by extruding two types of resins, one of said resins of a resin constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim 13~~ and a resin constituting the resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid ~~as described in claim 13,~~ simultaneously from one T die directly on ~~[[the]]~~ a surface of the metal sheet.

Claim 35. (currently amended) A resin laminated metal sheet ~~[[in]]~~ which comprising a metal sheet and a resin film, wherein

at least one surface of ~~[[a]]~~ the metal sheet is coated with the resin film as ~~described~~ set forth in claim 17 so that the resin layer R2 is in contact with the metal sheet.

Claim 36. (currently amended) The resin laminated metal sheet according to claim 35, wherein a plane orientation coefficient in ~~[[the]]~~ a direction parallel to ~~[[the]]~~ a film surface of the resin film is lower than 0.010.

Claim 37. (currently amended) The resin laminated metal sheet according to claim 35, wherein the resin film is formed by extruding three types of resins, one of said resins ~~of a resin~~ constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim 17~~, a resin constituting the resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton ~~as described in claim 17~~, and a resin constituting

the resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid ~~as described in claim 17,~~ simultaneously from one T die directly on the surface of metal sheet.

Claim 38. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated metal sheet[[,]] comprising [[a]] ~~step~~ [[of]] heating a metal sheet to a temperature in the range of the melting point of the thermoplastic polyester resin containing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μm as ~~described~~ set forth in claim 1 minus 70°C to the melting point thereof plus 30°C , to form a heated metal sheet, and ~~a step of~~ laminating the resin film as ~~described~~ set forth in claim 1 to the heated metal sheet.

Claim 39. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated metal sheet[[,]] comprising a ~~step of~~ heating the thermoplastic polyester resin containing 3 to 30 percent by weight of a granular resin with a grain diameter of 0.1 to 5 μm as ~~described~~ set forth in claim 1 to a temperature in the range of the melting point of the thermoplastic polyester resin plus 10°C to the melting point thereof plus 50°C to melt

[[it]] the thermoplastic polyester resin, and ~~a step~~ [[of]]
laminating the melted thermoplastic polyester resin by directly
extruding [[it]] the melted thermoplastic polyester resin on
[[the]] a surface of a metal sheet.

Claim 40. (currently amended) A ~~manufacturing~~ method for
manufacturing a resin laminated metal sheet[[,]] comprising ~~a~~
~~step~~ [[of]] mixing 3 to 30 percent by weight of a granular resin
with a grain diameter of 0.1 to 5 μ m as ~~described~~ set forth in a
claim 1 in a thermoplastic polyester resin to form a mixed resin,
~~a step~~ [[of]] inserting the mixed resin in an extruding machine
to melt [[it]] the mixed resin and form a molten resin, and ~~a~~
~~step~~ [[of]] laminating the molten resin by directly extruding
[[it]] the molten resin on [[the]] a surface of a metal sheet.

Claim 41. (currently amended) A ~~manufacturing~~ method for
manufacturing a resin laminated metal sheet[[,]] comprising ~~a~~
~~step~~ [[of]] heating a metal sheet to a temperature in the range
of the melting point of a thermoplastic polyester resin
constituting [[the]] a resin layer R1 comprising a modified
polyolefin resin having a functional group derived from
carboxylic acid ~~as described in claim 13~~ minus 70°C to the

melting point thereof plus 30°C, and ~~a step~~ ~~[[of]]~~ laminating the resin film as ~~described~~ set forth in claim 10 to the heated metal sheet.

Claim 42. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated metal sheet~~[[,]]~~ comprising ~~a step~~ ~~[[of]]~~ heating a resin constituting the resin layer R1 as ~~described~~ set forth in claim 10 and a resin constituting the resin layer R0 as described in claim 10 to a temperature in the range of the melting point of the thermoplastic polyester resin of the resin layer R1 plus 10°C to the melting point thereof plus 50°C to melt ~~[[it]]~~ resin layer R0 and resin layer R1 to form two melted resins, and ~~a step~~ ~~[[of]]~~ extrusion laminating the two ~~types~~ ~~[[of]]~~ melted resins in two layers on ~~[[the]]~~ a surface of a metal sheet.

Claim 43. (currently amended) The ~~manufacturing~~ method for manufacturing a resin laminated metal sheet according to claim 42, wherein the resin constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 in a weight fraction in the entire resin percent by weight of a granular resin with a grain diameter of 0.1 to 5 μ m, said

granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim 10~~ and the resin constituting the resin layer R0 containing polyethylene terephthalate and/or isophthalic acid copolymerized polyethylene terephthalate as a basic skeleton ~~as described in claim 10~~ are inserted in separate extruding machines and are melted.

Claim 44. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated to a metal sheet[[,]] comprising ~~a step~~ [[of]] heating a metal sheet to a temperature in the range of the melting point of thermoplastic polyester resin constituting the resin layer R1 as ~~described~~ set forth in claim 13 minus 70°C to the melting point thereof plus 30°C to form a heated metal sheet, and ~~a step~~ [[of]] laminating the resin film as ~~described~~ set forth in claim 13 to the heated metal sheet.

Claim 45. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated to a metal sheet[[,]] comprising ~~a step~~ [[of]] heating a resin constituting the resin layer R1 as ~~described~~ set forth in claim 13 and a resin constituting the

resin layer R2 as ~~described~~ set forth in claim 13 to a temperature in the range of the melting point of thermoplastic polyester resin of the resin layer R1 plus 10°C to the melting point thereof plus 50°C to melt ~~[[it]]~~ resin layer R1 and resin layer R2 to form two melted resins, and ~~a step~~ ~~[[of]]~~ extrusion laminating the two ~~types~~ ~~[[of]]~~ melted resins in two layers on ~~[[the]]~~ a surface of a metal sheet.

Claim 46. (currently amended) The ~~manufacturing~~ method for manufacturing a resin laminated metal sheet according to claim 45, wherein the resin constituting the resin layer R1 which comprises a thermoplastic polyester resin containing 3 to 30 percent by weight in a weight fraction in the entire resin of a granular resin with a grain diameter of 0.1 to 5 μ m, said granular resin being a modified polyolefin resin containing 2 to 20 percent by weight of a functional group derived from carboxylic acid in terms of carboxylic acid ~~as described in claim~~ ~~[[13]]~~ and the resin constituting the resin layer R2 comprising a modified polyolefin resin having a functional group derived from carboxylic acid ~~as described in claim 13~~ are inserted in separate extruding machines and are melted.

Claim 47. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated to a metal sheet[[,]] comprising ~~a step~~ [[of]] heating a metal sheet to a temperature in the range of the melting point of the thermoplastic polyester resin constituting the resin layer R1 as ~~described~~ set forth in claim 17 minus 70°C to the melting point thereof plus 30°C to form a heated metal sheet, and [[a]] ~~step~~ [[of]] laminating the resin film as ~~described~~ set forth in claim 17 to the heated metal sheet.

Claim 48. (currently amended) A ~~manufacturing~~ method for manufacturing a resin laminated to a metal sheet[[,]] comprising ~~a step~~ [[of]] heating a resin constituting the resin layer R1 as ~~described~~ set forth in claim 17, a resin constituting the resin layer R0 as ~~described~~ set forth in claim 17, and a resin constituting the resin layer R2 as ~~described~~ set forth in claim 17 to a temperature in the range of the melting point of the thermoplastic polyester resin of the resin layer R1 plus 10°C to the melting point thereof plus 50°C to melt [[it]] resin layer R1, resin layer R0 and resin layer R2 to form three melted resins, and ~~a step~~ [[of]] extrusion laminating the three ~~types~~

[[of]] melted resins in three layers on the surface of a metal sheet.

Claim 49. (currently amended) The ~~manufacturing~~ method for manufacturing a resin laminated metal sheet according to claim 48, wherein the resin constituting the resin layer R1 as ~~described~~ set forth in claim 17, the resin constituting the resin layer R0 as ~~described~~ set forth in claim 17, and the resin constituting the resin layer R2 as ~~described~~ set forth in claim 17 are inserted in separate extruding machines and are melted.